

PLANT DIGITIZATION



DESIGN SYSTEMS, INC.
Manufacturing Engineering & Consulting

SEE YOUR FACTORY **BEFORE YOU CHANGE IT**



Reduce Risk

Validate changes before you invest



Make Better Decisions

Evaluate options using virtual space



Improve Performance

Optimize flow, capacity and resource utilization



Maximize ROI

Reduce loss from rework and downtime

Our Proven Process

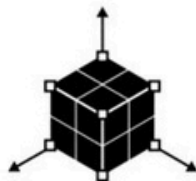
1. Scan

3D laser scan your facility to capture an accurate point cloud



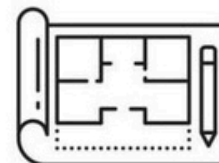
2. Model

LoD 200 models of your equipment and facility



3. Layout

Created from 3D models and Point Cloud

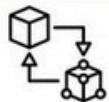


4. Recommend

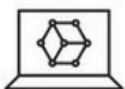
Actionable insights to help you achieve your goals



Common Applications



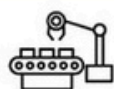
Digital Twin Foundation



Simulation Foundation



Facility Update



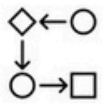
Product Line Update



New Installation



Clash Detection



Material Flow



Warehouse Logistics



Identify Bottlenecks



New Facility Planning

SEE IT IN ACTION

Scan to see how DSI digitizes facilities



Results Our Clients Achieve



Faster Planning and Decision Making



Average 30% reduction in rework and downtime



Better Utilization and Performance